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An Account of Mr Sam. Brown His Second Book of *East India Plants*, with their Names, Vertues, Description, &c. By James Petiver, Apothecary, and Fellow of the Royal Society.

**T**He following *Plants* were gathered the 27th and 28th of April 1696. at *Pearmeedoore*, about 16 or 17 miles from *Fort St George*.

The *Country* here is full of *Trees* and *Bushes*, the ground clay, dry and sandy.

48. *Tetrapteros Madraspatana Laurustini folio.*

No. 48.

*Veanaungoo Malab.*

The *Trunk* of this *Tree* grows 5 or 6 foot high, and then shoots out many straight branches about 12 or 13 foot long : the *Husky Fruit* has no ill taste, but when chewed makes the Spittle yellow. Mr Sam. Brown.

Its twigs are Ash-colour, the *leaves* stand on short foot-stalks, are somewhat oval, especially the younger ones. The *Fruit* is beset with 4 membranaceous wings near half an inch broad and 1 long, each *Fruit* stands on a pedicle about an inch long. These resemble the head or seed vessel of the *Crown Imperial*, but are much less.

49. *Soldanella Pearmeedorica geniculis radicosis.*

*Cullecaucana Malab.*

an Bel-Adamboe Walli H. Malab. V. II. T. 58. p. 119.

The *Root* of this is a Finger thick, the *Bark* of which grownd with a cup of water, will purge very well without Gripes. Two *Drams* is enough for a strong man. It grows in dry ground. S. B.

This is a ground-creeping *Bindweed*, putting forth fibrous *Roots* at each joyn, from whence proceeds one round and sometimes cuspidated *leaf*, on a foot-stalk

R r r r r

near

<sup>49.</sup>  
an Bel-Adam-  
boe Walli H.  
Malab. V. II.  
T. 58. p. 119.

near two inches long : at the setting on of these leaves comes out 3 or 4 *Flowers*, which are succeeded with smooth round *capsules*, terminating in a thredly point, each, generally containing 4 yellowish triangular smooth *Seed*.

50. *Apocynum arboreum*, *Lauri* folio, *Dulcamarae* flore.

H. *Mal.* V. 9. Addeweepaula *Gent.* Bupaulemaraum *Malab.* an ?  
Tab. 3 & 4. p. 5 Nelem-pala *Hort.* *Malab.* Vol. 9. Tab. 3 & 4 p. 5:

The *Leaves* of this *Tree* boyld are *Pectoral*.

This *Tree* grows 25 or 30 foot *high*, and as *thick* as an ordinary mans *waste*. S. B.

The *Leaves* grow opposite, and the veins of the younger are very transparent, if held between your eye and the light. The *Flowers* are very like those of *Bitter sweet*, growing in Tufts, and have a yellowish *pointel* like them, by which this *Tree* is easily distinguisht from its other *kinds*,

The *Podds* are near a foot *long*, and 3 quarters of an inch *broad* when expanded, these grow in pairs, and are fill'd with a white silky down, its *Seed* long, and oval like a *Pine Kernel*.

Its younger *Pods* very much resemble those of the *Vanillioes*.

51. *Erembiliee Malab.*  
Mus. Petiver. *Coccifera Buxifoliis oblongis & subrotundis, fructu*  
631. *cuspidato calyce ampio, è Madraspatan.* Mus. Petiver  
632.

*Height.* Is about 6 or 8 foot *high*, the wood hard as *Iron* in comparison.

*Virtue.* The *Root* and *Leaves* boyld in water and drank, cures *Scald heads*. S. B.

*Description.* These *Leaves* grow inordinately on very short or no foot-stalks, they resemble *Box*, but are stiffer and very often longer, especially those branches which have no *Fruit* on them, each *Berry* contains 2 blackish *Kernels* separated by a thin skin. Dr.

Dr Plukenet hath very erroneously *Figured* the Fruit of this, he setting a *Crown* on it, it having none, but terminates in a point.

52. Carvaut-lackeree Mal.

Spergulæ affinis *Pearmeedorica*, foliis rotundis pubescentibus.

52.

It lies on the *ground* in branches a foot or a foot and half long.

The *Decoction* of this and *Porapatre* is good for *Fevers* in *Children*. Boyl'd with *Fish* gives a very pleasant taste. S. B.

These *Leaves* are like the *Alfine Amer.* *Nummularia* folio *Pat. Bar.* prodr. but are hoary, especially whilst young.

Lophium.

The *Flowers* commonly grow at every joyn, 3, 4, or more together, the hoary pentapetalos *calyces* wholly cover the *seed Vessels*, which when ripe, contain many very small black *seed*.

53. Chengunnee Malab.

*Cassia Pearmeedorica*, folio *Sene* obtuso, subtus pubescente.

53.

These *Flowers* exactly resemble those of *Cassia Fistula*, the leaves somewhat like *Sena*, but are hoary underneath, and end blunt, with a little *Spinula* in the middle.

This rises 16 or 18 foot *high*, and the trunk as *thick* as a man's Leg.

The *Decoction* of the *Leaves* and *Flowers* taken inwardly, and the *Root* ground with Water and a little *Lime Juice*, cures the *Itch* and *Scab*. E. B.

54. Chaipoondoo Malab.

54.

*Knawel Pearmeedooricum* *Gallii lutei* foliis, flor. *co-nosisis*.

Roasted and boyl'd in Water, and the *Decoction* given to those sick of *Vomiting*, *Looseness*, and

Rrrrr 2

want

want of Appetite, or Indigestion, cures them. When fresh 'tis Bitter. S. B.

This *Herb* has a long sticky root, shooting out, especially towards the bottom many stiff Fibres.

55. *Wellia Tagera* *Hort. Malab.* Vol. 6. Tab. 9 & 10. p. 17.

*Hort. Malab.* Vol. 6. Tab. 9. *Sarpouli Bram. Tagera Lusit.* groot Glid thouwt *Belg.* & 10. p. 17. *Chamaecristæ Pavonis affinis Indica, Cassiæ folio, siliquis compressis latissimis propendentibus, floribus amplissimis in summo ramorum spicatis.* *Breyn. Pr. 2.*

*Ray H. Pl. 1746. cap. 7.* *Siliquosa Malabarica* fl. pentapetalo, siliquis longis planis, diaphragmatis semina secludentibus interceptis. *Ray. Hist. Plant. 1746: cap. 7.*

The *Flowers* are in divers parts of *India* call'd *Fula de Compang*, because the *Fruit* resembles a *Gold Coin* so call'd, in use with them. *Comel.* in *Hort. Malab.* Vol. 6. p. 18.

It *Flowers* in *August*, and the *Pods* are ripe in *November* and *December*.

It grows naturally in sandy places, but for its *Flowers* sake, and being ever green, it's esteemed in their *Gardens*.

I suspect the *Label* of this *Plant* is transposed, it being given under the *Malabar* Title of *Cant-Mandaree*, of which Tree Mr *Sam. Brown* says, there are four sorts, *viz.* this, the *Mandaree*, *Cookcoo-Mandaree*, and *Vela-Mandaree*, the same Number the *Hortus Malab.* I find describes and figures in the *First Volume* Tab. 32, &c. by the name of *Mandaru*, these are Trees with peculiar *Leaves*, and very different from the above-mention'd *Wellia Tagera*, which is the Plant before us.

56. Ash-coloured *Nicker Tree*.

*Bonduch* *cinerea* *fol. longioribus.*

*Jonſ. Dendr.* *Bonduch* *Indorum* *Jonſ. Dendr.* 300. *Tab. B.* *India-*  
*ponæ* *Ital.* 32. *no Ponæ* *Ital.* 32. *Fig. B.* *Pianta Indiana di colere cine-*  
*reo* *Zan.* 44. *cap. 22.* *Tab. 17.* *Fig.*

*Inimboy*

Inimboy *Brasil.* Marcgr. 12. desc. & 56. Fig. Pis. ed. *Mangr.* 12. Fig. 1. p. 95. Fig. ed. 2. 205. Fig. *p. 56. Pif. ed.*  
*p. 95.*

*Jacobius Breynius* in his first *Prodromus* p. 42, hath given a very elegant *Figure* of the *Leaves* and *Flower* of this Tree under the name of *Inimboy Brasil.* *Fru-*  
*tex spinosus spicatus platylobis echinoidibus Glycyr-*  
*rhizæ foliis.*

*Arbor exotica spinosa fol. Lentisci C B. 399.*

*Caretti Hort. Malab.* Vol. 2. Tab. 22. p. 35. *Ray H. Mai. V. 2:*  
*Hist. Pl. 1743. Tisingoeri Bram. Sylva do Praya Lusit. Ray H. pl. 1743:*  
apud *Brasil.* Gatchkai chittu Gent. Cachakaillile *Mal.*  
*S. B.*

A Poultice of the *Leaves* quickly cures swelled Cods; the Powder of the *Root* drank in Water is good for bites of *Rats*, and venomous Creatures.

The Boys play with these *Fruit* instead of *Marvels* or *Nickars*, from whence I suppose the name.

### 57. The true *Indigo*.

*Indigo vera Coluteæ foliis Utriusq; Indiae.*

*H. L. L. 168*  
*pl. ult. C. 168*

*Colutea Indica* herbacea, ex qua *Indigo* *Hort. Acad.* 82. Fig. 6. IB  
*Lugd. Bat. foliis Anil.* *Chabr. Ic.* 82. IB. *prodr* 31. C. 1. 11. p. 384.  
fol. *Anil.* nominatum IB. L. 11. p. 384. Fig. *Prodr.* 31. 11. pl. 7.  
pl. 7. *affinis fruticosa floribus spicatis purpurascens* *Cat. pl. Jam.*  
*siliquis incurvis e cuius tintæura Indigo conficitur.* *141. H. Norib.*  
*Cat. pl. Jam.* 141. *124. pl. ult.*  
*Ray H. pl. 92:6.*  
*cap. 4.*

*Coronilla Indica*, ex qua *Indigo* *Fl. Norib.* 124.

*Ameri Hort. Malab.* V. 1. Tab. 54. p. 101. *Ray H.*  
*Plant.* 926. *Neli Bram.* *Awari Zeyl.* *Caachira Brasil.*  
*Herva d' anir Lusit.*

This grows about two or three foot high; the Powder of the *Root* and *Leaves*, or those ground in water or boyld in *Gingelee* *Oyl*, (which I believe is *Sesamum*) and taken inwardly cures the frequent eruption of *Boyls* and *Impostumes*. *S. B.*

These *Leaves* are very like the *Bladder Sena*, and have generally 13 on a Stalk, viz. 6 pair and the top Leaf, these are glaucous, especially underneath. The

The *Flowers* purplish, small, and grow in spikes like our *Melilot*, which are succeeded by very slender pendulous crooked *pods*.

It grows in *sandy, rocky, dry, barren* places, in both the *East and West Indies*.

The *Indigo* figured and described by *Hernandez*, p. 108, and *Nierembergins* 339. cap. 11. seems to differ from this Plant, the Leaves being longer and sharp pointed, and what more confirms me in it, is, a draught which that Learned *Jesuit* and most accurate *Botanist*, George Joseph *Camel* hath lately sent to Mr *Ray* and me, whose pointed Leaves agree with the *Icon of Hernandez*, and like that, his has generally but 9 Leaves, whereas ours has seldom fewer than 13, its pods also (according to *Father Camel's* design) are very different.

#### 58. Vanamairaum *Malab.*

*Baccifera Peermeadoorica* *Laurocerasi* fol. fructu fulcato, dispermo.

Of this there are four sorts, *viz.* *Vednaingu*, *Vaccanne* and *Velvaccanne*. These are all large Trees as thick as a man's waste, and about 30 foot high; all these, or this alone, the Natives boyl in Butter, and give it for *Coughs*, &c.

These *Berries* grow in Clusters, are black, somewhat bigger than *Pepper*, each ends in a point, and is fulcated as if double, some (the more ripe) are cleft or crack towards the tip, in each half is contained one finall Kernel, a little less than its *Cafe*, these stick to the middle of the Berry, which is parted by a double skin.

#### 59. Causha or Causha-chedde. *Malab.*

<sup>189</sup> *Muf. Petiv. 38.* *Baccifera Madrasp.* *Visci arborei* *foliis latioribus Muf.* *H. M. 10. T. Petiv. 38. an?* *Kanelli itti Canni Hort. Malab.* *Vol. 10.* *p. 9* *Tab. 5. p. 9.*

This

This is a *Shrub* about 4 foot high ; here are two sorts, the other is call'd *Perrecaulka-cheddee*, the *Root*, *Bark* and *Leaves* boyl'd and drank, cures pains in the *Bones* proceeding from *Cold*, S. B.

60. *Mudde-maer Mooddee Malab.*

60.

Is about 5 or 6 foot *high*, the *Root*, *Bark*, *Leaves*, *Flower* and *Seed*, the *Natives* bruise or grind with *Milk*, and drink it for the *Running* of the *Reins*, others boyl the same in *Butter* for that use, and some take it in hot water for the same. This is one of their *Panacea's* in that *Distemper*, S. B.

61. *Patchurcha Malab.*

61.

This rises in branches 6 or 8 foot *high*, they do not use it inwardly, but boyl it in water, and then put red hot Stones in the said water, then covering themselves and *Pot*, the hot *Vapours* of which procures a plentiful sweat, which cures *Colds*, *Pains*, &c.

This and the last seems to be both of the *Caper* kind, but the specimens being much impaired, we dare not be positive.

62. *Clachedde Malab.*

62.

*Lycium Madraspat.* fol: *Alaterni plano*, *Jasmini* flore.

This is about 2 or 3 foot *high*, it bears a sweetish *Fruit* as big as a *Pea*.

There is another sort call'd *Pedde-cla-chedde*, or the great *Cla-chedde*, which is 5 or 6 foot *high*.

The *Bark* of both, or either of the *Roots* ground with water, and drank, cures *Buboës* by dissolving them, (which the *Natives* think the best way of cure) the same ground with *Lime-juice*, cures *Sores* or *Biles*.

These *Leaves* grow opposite on scarce discernable *foot-stalks*, they are thick, stiff, and veiny, very like the common *Alaternus*, but are not serrated.

62. Va-

63.

## 63. Vacaunee Malab.

*Coccifera Madraspat. calyce magno Staphylocendr Africani folio Mus. Petiver 376.*

*Mus. Petiver 376*  
The *Fruit* of this is of an *Ash* colour, round, hard, and shining, about the bigness of a large *Pea*, it stands in a large *velvety calyx*, seemingly *tetrapetalose*, its *Kernel* black, and divides in the middle like a *Bay berry*, the *Leaves* at first putting forth are very hoary, but when full grown, are very like the *Cape Bladder Nut*, and only hoary on the under side.

From some of these bruised or crackt *berries*, I have observed to flow a shining hard black *Gum*.

64.

## 64. Caut-Yellendae Malab.

*Toddali Madraspat. spinosus, folio rigido lobato sub-tus incano.*

Of this here are 3 sorts; *Yelleneseda-chedde* and this are large *Trees*, the *Fruit* of the first is smaller and reddish.

The other larger, and of a greenish yellow, and is *Parkinson's Bor* and *Ber* of *Acofta*. The third sort is a low *shrub* and bears no *Fruit*, it's called by the *Malabars* here *Callaree-Yellendee*.

The tender top *Leaves* and *Flowers* of either, or all 3 masht small and mixt with sowre Milk, cures *Gripes* and *Bloody Fluxes*, and is good in all *Looseneses*, as also for *Gonorrhœa's*; the *Fruit* is also binding. *S. B.*

*A. M. V. 4 T.* This *Tree* is of the *Toddali* kind, in the 4th Volume *41. p. 85. Ray* of the *Hortus Malab.* Tab. 40 & 41, and comes next *to the Perin-Toddali*, *Tab. 41. p. 85.* which is said to be the *Jujuba Indica*, *CB. 446.*

*CB. 446. Pl.* I have two or three of these species, and shall therefore refer the nice distinction of them, (they being hitherto confounded) until an opportunity offers of treating of them together.

65. Oatepcmarutte *Malab.*

*Prassium Madraspatan.* folio latissimo. *Mus. Petiv.* 65. *Mus. Petiv.*  
671. an? *Tsjadaen H. Mal.* V. 10. Tab. 39 p. 175. 671. *H. Mal.* V. 10.  
T. 88. p. 175.

Here is another sort of this, call'd *Rettepcmarettee*,  
they are both about 4 foot high, and smell strong, the  
Natives moisten both or either of them over the steams  
of boyling Water, then press out the Juice, which  
they drink for *Asthma*, Wind and cold Pains. This  
they take in the morning, but at a night they drink  
the Decoction for the same, S. B.

The lower Leaves of this Plant are very broad, and  
resemble our *Ballote*, or stinking *Horehound*; but are  
larger, the stalk is 4 square and carinated, the spike is  
sometimes above a span long, the Whirls are thick set,  
and nearer the top the closer together, each guarded  
with 2 leaves, the Husks are stellated and hoary, as is  
the whole Plant.

66. Paul-pronee *Malab.*

*Capparis Madraspatan.* *Balaustii* folio *Mus. Petiv.* 624. 66. *Mus. Petives*  
This rises 5 or 6 foot high, and is 2 or 3 fingers 624: thick.

The Natives drink the Decoction of this bruised for  
a *Gonorrhœa* and *Dropſie*, S. B.

These Leaves are very stiff, and full of fine Veins,  
some are broad, others narrow, but all terminate in a  
sharp point, they grow inordinately on very short  
foot-stalks.

67. Muuriachedde *Malab.*

*Vitis Pearmeedooria* foliis termis subrotundis ferratis.

The Roots of this ground with Water, dissolves Bu-  
boes, the same cures pains in the Joints.

Here is a lesser sort of this *Climer*, called *Cern-Mu-  
arlee*. S. B.

These Flowers grow racemose like the common *Vine*,  
or rather our *Virginia Creeper*, of which it seems to be  
a species, but differs in having only 3 leaves, and those  
much leſs and round. S. B. 63.

( 708 )

68. Terrane *Malab.*

*Tekka Lauroceraſi* folio baccis coronatis.

*An* & *Katu Tekka Hort. Malab.* Vol. 4. Tab. 28. p.59

This grows 3 or 4 foot high, of the *Fruit* they make *Atchar* by pickling them.

The *Decoction* of the whole Plant is good for *Palfies*, &c. *S. B.*

The same Account with the Plant I have lately received from my ingenious Friend Mr *Edward Bulkley*, Surgeon at *Fort St George*.

This Shrub is known by its elegant coronated *Berries*, each having a large stellated pentapetalous crown, these are in colour, shape, and bigness like *black Pepper*, but insipid; the Husk bitter, and Seed small and tender; they stand on short pedicels, and grow in Clusters somewhat Umbell-like, but especially the *Flowers*.

69. Chaddache *Malab.*

*Angola Pearmeedoorica Toddali* folio rotundo ferrato.

The whole Plant grownd with *Milk* or hot Water, cures the most desperate *Itch* or *Scab*.

It rises 18 or 20 foot high, and is as thick as ones Leg. *S. B.*

These *Leaves* are hoary, round and finely serrated, like the *Toddali* at No. 64. but the foot-stalks are shorter: The *Flowers* grow in clusters, and whilst in bud are velvety, which are the exterior petala, the middle of the Flower is full of fine Threads, crown'd with small apices like all the rest of this kind.

70. Codeseru-paulado *Malab.*

*Anil Pearmeedoorica Coluteæ* foliis pubescentibus sere pentaphyllis.

This trails on the ground, there is another sort call'd *Cherupaulada*, which is lesser, both these or either, ground, in hot water, cures childrens *Gripes* and *Fluxes*

*Fluxes*, the same mixt with *Turmerick*, cures *Sores*.  
S. B.

These *Leaves* are like the *bastard Sena*, but smaller and hoary ; they are winged, and commonly grow 5 together, and rarely 3 ; at setting on they are guarded with 2 narrow *Leaves* or *Auricles*, the like also at each Branch ; its *pods* are very slender, being not thicker than a large pin, are strait, and when at full bigness near an inch long, ending in a spinula ; these grow in naked (i.e. leafless) *Spikes*, being seldom more than 4 or 5, and they about a quarter of an inch distant from one another ; each spike about one inch and a half long.

71. Davadarree *Malab.*

Berberidis facie, arbor *Madraspat.* foliis non ferratis. *Muf. Petiver* 623. *an?* *Tsjerou-Canelli Hort. Malab.* *Vol. 5. Tab. 50. p. 99. Ray H. Plant. 1499.*

71.

*Muf. Petiver*

623.

*H. M. I. V. 5.*

*T. 50. p. 99.*

*Ray H. Pl. 1499.*

This is a *Tree* about 30 or 35 foot *high*, *thick* as ones Leg. The *Decoction* of the *Leaves* drank kills *Worms*, the like of the *Bark* cures *Fevers*, *Cholick*, &c. and pains occasioned by wind. S. B.

A *Decoction* of the *Wood* purifies the blood, corrects *Choler*, and expels wind. S. B.

The *Natives* call this wood *Black Sandal* ; they also sometimes call it *Wild Aggaly* (i.e *Agallochum*) as my very ingenious Friend Mr *Edward Buckley*, Surgeon at *Fort St George*, informs me ; and moreover, that they have in their *Bazars*, (or *Markets*) a more fragrant sort, which comes from *Cape Comerin*.

72. Cheendee *Malab.*

*Coccifer Peermadoorica* *Convolvulaceus*, fol. cordata, tuberosa radice.

72

The *Natives* make an extract of the *Leaves* and *Stalks*, which cures sharpness of *Urine*, and running of the *Reins*, it does not purge. S. B.

This *Climer* has a tuberose round thick *Root*; its dry *Fruit* is a little bigger than *Pepper*, its covering brittle, and seems to divide into two partitions.

73. *Punne Maraum Malab.*

*Ponna Malabarica major*, folio pulchre venoso, fructu globoso.

*Ray H. Pl. 1525.*  
*Prunifera seu Nucifera Malab. foliis Nymphae, fructu, rotundo cortice pulvinato Ray H. pl. 1525.*  
*H. Malab. V. 4. Tab. 38. p. 79.* *Ponna Hort. Malab. Vol. 4. Tab. 38. p. 79. Oeti Bram. Geele gom-Appels Belg.*

The trunk of this *Tree* is from 7 to 12 inches *Diameter*, and about 20 foot *high*; the *Fruit* as big as a *Damson*.

A Decoction of the *Root* is good against *wind*. The *Oyl* of the *Fruit* is good in *Pains*; and to anoint the running *Gout*. *S. B.*

This grows in many places in *Malabar*, and about *Fort St George*, especially in a sandy *Soil*.

Its *Fruit* ripens twice a year, *viz.* in *March* and *September*, and its said in the *Hort. Malab.* oftentimes to continue *Fruit-bearing* for 300 years.

74. *Punga-Maraum Malab.*

*Minari Malabarica*, fl. *Roseo-albicante*, *siliqua ovalis compressa*.

*Ray H. Pl. 1733. cap. 20. pl. 1733 cap. 20.* *Arbor siliquosa flore papilionaceo, fabis longis & latis, plana parte sibi invicem incumbentibus Ray H. 1733. cap. 20. pl. 1733 cap. 20.*

*Dr Plukenet* hath not only made two plants of this, but also given 2 indifferent *Figures* of it, altho the *Hortus Malab.* had before better done it in one, *viz.* *Vol. 6. Tab. 3.* the first he calls

*Arbuscula Indiae Orientalis hexaphylla, flosculis exquisit in spicam positis, foliis teneriori Pluk. Phyt. Tab. 148. Fig. 3. & Alm. Batan. 46. pl. 9.*

The *Figure* of this being taken from a specimen only in bud, he either forgets or despairs to own it again, when in full Flower and Fruit, *viz.* in his 310th Table Fig. 3: there styling it

*Phaseolis accedens Malabarica*, *afatis foliis glabris*,  
monospermous, *siliqua latiore brevi Alm. Bot.* 294. pl. 1. *Alm. Bot.* 294. pl. 1.

The *trunk* of this is 6 or 8 inches Diameter, and eighteen or twenty foot high.

The *Natives* rasp the fresh *roots* of this, and press a milky Liquor from it, with which they cure *Ulcers* and *Fistula's*.

The *Oyl* of the *Fruit* expels wind. The *Fruit* hung about *Childrens* *Necks* cures the *Hooping* or *Chincough*, *S. B.*

In the *Phil. Trans.* No. 244. p. 324. pl. 24. I have there already given you its *Place*, *Time*, *Duration*, *Use* and *Vertue*, with references to the *Hortus Malab.* and other *Authors*, which, with some additions I here in short recapitulate, *viz.* *Hort. Malab.* Vol. 6. Tab. 3. p. 5. *Ray Hist. plant.* 1733. cap. 20. *Pluk. Tab.* 148. *Fig.* 4. *Alm. Bot.* 46. pl. penult. & 294. pl. 1. *Breyn. prodr.* 2. p. 39. pl. 3. *Flor. Malab.* p. 95. pl. 2. *id. Fol.* p. pl. 75. *Cungee Malab.*

*Baccifera Madraspat. Myrti Laureæ foliis perforatis*, *Mus. Petiver* 361. *sed vix conspicuis.* *Mus. Petiver* 361.

Of this there are four *sorts*, this is a *Shrub* about 4 foot high, *Cadal-Cungee*, is three foot high, *Mila-Cungee*, is something less, *viz.* two foot and a half high, and *Sheva Cungee*, is not above one foot and a half high.

The *Fruit* of the first the *Natives* eat, but n<sup>o</sup> of the other 3, the whole plant of either, or all these 4 boyled and drank cures the *Pox*, or *Rheumatisme* from Venereal Cause, as also contractures from the same Original. *S. B.*

*Pluk. Tab. 310.*  
*Fig. 3.*

76. Ereweta-Maraum *Malab.*

Waga *Pearmeedorica* Tamarindi folio, floribus ~~co-~~  
mosis, siliquā undulatā scabriā.

The Trunk of this Tree is 8 or 10 inches diameter, and about 20 foot high.

The Powder of the *Branches*, *Leaves*, *Fruit* and *Flowers*, drank in Water cures *Ring-worms*, the same must also be applied outwardly.

Dr *Plukenet* hath given so many imperfect Figures of this Tribe, that it's very hard to judge whether this be one amongst them.

These *Leaves* resemble those of *Tamarinds* or *Abrus*, their middle rib inclining to the upper part of each Leaf, these grow in pairs without any pedicle, have commonly 8, and rarely exceed ten leaves, the upper pair always largest. The *Flowers* are composed only of very fine Threads about half an inch in length, and make altogether a very regular *Plume* or *Tuft*, they coming all from one base on a naked foot-stalk, somewhat more than an inch long. The *Pods* are blackish, and as it were covered with a Pitcht Coat, full of small cracks or wrinkles, each pod is divided into several partitions like a Neck-lace, each near one inch long and 3 quarters broad, flattish, but elevated in the middle.

77. Pere-woondel *Malab.*

Mus. Petiver. 77. *Taxi fructu arbor Madraspatana Lauri folio Musaei*  
683. Petiver 683.

This shrub grows about 6 foot high. Its *Leaves* and *Fruit* the Natives boyl for food, *S. B.*

The *Fruit* of this is about the bigness of that of Yew, and as the Stone of that is almost wholly covered with a moist pulp, so is this with a large calyx leaving only the top of a pointed gland in view.

78. Poordel *Malab.*

Creeps on the ground, and seem to be a species of *Herbem repens nodiflora*. The

The whole Plant bruised with a little long *Pepper*, and the quantity of a Nutmeg, taken night and morning, cures *Coughs* in old people and Children, the quantity being lessened, as also for *Fluxes* and *Gripes*, and then they mix it with Butter and so take it, *S. B.*

I have already taken notice of this Plant in the *Phil. Trans.* No. 244, p. 329. No. 33, and of all the plants in the *Hortus Malab.* none seems to come nearer it than the *Ana-Colappa* Vol. 10, Tab. 47, p. 93.

79. *Aumatina dundeo Malab.*

*Chrysanthemum Madraspat.* folio trifido *Mus.* *Peti-*  
*ver.* 628. This grows about two foot high. The Root  
is thick, which being ground with Water and Honey,  
and drank, cures the *Piles*, *S. B.*

80. *Mura-cootan Malab.*

*Ullinga Hort. Malab.* Vol. 8. Tab. 28. p. 53: *Iffong*; *H. Mal.* V. 8.  
*Guineensis* *Att.* *Phil. No.* 232. p. 683. pl. 29.

*Halicacabum peregrinum multis* *five* *Cor.* *Indum* *IB.* 232. p. 683. pl.  
L. 13. p. 174. c. 41. Fig. *H.* *per.* *s.* *Cor* *Indum* *Chabr.* 29.  
124. Fig. 2. *per.* *Vesicarium*, *fructu nigro alba mactula* *notato* *H.* *Ox.* 19. *Sect.* 1. *Tab.* 4. *Fig.* 9.

*Halicacabus peregrinus* *Dod.* *Pempt.* 445. *Fig.* *opt.* *c.*  
25. *H.* *per.* *Vesicarius scandens* *IB.* *prod.* 39. *pl.* 6.

The *Natives* fry this in Butter, and eat it to stop *Fludding*, or the immoderate flowing of the *Courses*, and give the *Powder* or *Decoction* for the swelling of the *Womb*, which in some Women feels like a great stone in their Bellies, as also to cure the pain that some have when their *Courses* flow, *S. B.*

I have received this Plant from both the *Indies*, *Guinea*, and also from *China*, and cannot perceive any difference in Leaf, Flower or Seed, which I have also had from all the afore-mentioned parts, except *Guinea*, (whose plants I observe are generally the same with those of *Malabar*, and *Fort St George*) and the largest of all

these Seed have not been bigger than a Pepper Corn.

That accurate Botanist, the Reverend Father Camel, also assures us that this old sort grows with them in the *Philippine Isles*, where by the Natives it's called *A-palla Nibun*.

I likewise find the same amongst my *Chinese Paintings of Plants*, under the name of *Teng. Lang-chaw*, and they there use it as a Discuffer and Cleanser. *vid. Herbar. Chin. Tab. 40. Fig. 15.* *Chinese illuminat. Tab. 40. Fig. 13.*

I therefore think Dr *Plukenet* had no reason here to multiply species in making this *Malabar* sort to have greater Seed, when the Figure in the *Hortus Malab.* Not only shews the contrary, but the *Commentator* on that *Noble Herbal*, also positively says it's the very same with *Casper Bauhine*, and other *Authors*.

#### 81. Chetamucan *Malab.*

*Anil Pearmeedoicum trifoliatum, glaucum, siliquis rigidis.*

The whole *Plant* ground with Water and drank, cures the bites of *Serpents* and venomous *Insects*. *S. B.*

This at first sight resembles the true *Indico*, (of which it is a species) especially as to its Flowers and Pods, its chief difference is, its having but 3 leaves, and the whole plant more glaucous or silvery, particularly its stalks.

The time of Flowering in its Native Soil is about *January*.

#### 82. Toule-cutte *Malab.*

*Arbor Pearmeedoica Inglandis folio, fructu racemoso, villoso, trinucleato.*

This *Tree* is 6 or 8 inches diameter, and about 20 foot high. The Decoction of the *Bark*, *Leaves* and *Fruit*, cures Wind and Cholick pains. *S. B.*

These *Leaves* grow opposite without an odd one at the end, they stand on very short foot-stalks, are very

very full of veins, elated on both sides, and soft underneath, except in the full grown branches. The *Flowers* are very numerous, growing in *Clusters*, each composed of 5 very little woolly petala, these whilst in bud are covered with as many small hoary greenish husk-leaves, which divide to the bottom. These continue to the base of the *Fruit*, which are about the bigness of Hazel-nuts, and pointed, and are of a buff colour and as soft, each containing 3 Kernels.

This Flowers in *November*, and the *Fruit* ripens about *April*.

83. Poon-nasai *Malab.*

Angola *Malabarica Ulmi folio.*

An? *Pai-Paroea seu Couradi H Mal.* Vol. 5. Tab. H. Mal. V. 5.  
46. p. 91. *Ray Hist. Plant.* 1624. cap. 7. Tab. 46. p. 91.

Grows about 6 or 7 foot high, as thick as a mans Arm, the whole *Plant* made into *Powder*, is given by the *Natives* in Butter and Honey against *Impotency*, it being a strong provoker to *Venery*, S. B.

I have lately receiv'd this from Mr *Edward Bulkle*, at *Fort St George*, who adds, that a drink of the Bark and Leaves, is good in all windy pains of the Body, H. Mal. V. 5. T which seems to agree with what the *Hortus Malab.* says 46. p. 91. of *Couradi*, Vol. 5. p. 92. viz. that a *Decoction* of its *Leaves, Roots and Berries*, is very efficacious in *Gouty* pains.

84. Coolauvalle *Malab.*

*Colinil Hort. Malab.* Vol. 1. Tab. 55. p. 103. *Shera-Punca Bram.*

*Astragalus Malabaricus* *Viciæ foliis, siliquâ falcatâ lanuginosâ.*

*Nil sive Indigo spuria Ray Hist. Plant.* 1734. cap. 21.  
*Polygala Indica minor* *siliquis recurvis Syen* in H. Malab. V. 1. p. 104. *Flor. Malab.* p. 218. pl. 12. *id. Fol. pl.*

Dr Plukenet in his *Almagest.* pag. 112. pl. 5. does there assert he has this plant, which surely if he really had, or had but known, he would not in the same Book p. 272, give it again as a *Non-descript* with a worse *Figure* of it. *Phytograph.* Tab. 52. fig. 1.

Mr Sam. Brown says, that its Decoction helps indigestion.

I cannot omit here taking notice of a peculiarity in this Plant, which the more convinces me that it is the *Colinil* of the *H. Malab.* viz. Having received several Specimens of this Plant, particularly from the *East Indies*, I did observe thereon a sort of *Excrecence*, like a *Fruit* or dry *Capsule*, which upon examination, I found to be a sort of *Gall*, having a large perforation into it. This the *Hortus Malab.* takes particular notice of, Vol. 1. pag. 104. in these words, *viz.* Præter Siliquas, *Fructus nothi virides*, tenuiter pilosi ac duriori, surculis sape insidere conspicuntur, qui in vertice sunt foramine pertusi & intus cavi. The Judicious Mr Ray when he translated this into his Excellent *History of Plants*, p. 1734. cap. 21. taking particular notice of this passage, adds, these words. *Hi nihil aliud sunt quam Gallæ quædam seu Excrecentiæ tumores & a puncturis Insectorum ortæ.*

### 85. *Veraulle Malab.*

*Triopteris Indiae utrinq; Salicis folio.*

*Aceri vel Paluero affinis, angusto oblongo Ligustri folio, flore tetrapetalo herbaceo cat. pl. Jam. 138.*

The *Leaves* of this boyld a little, so as to be made soft, and applied, heals *Sores*, eases *Pains*, and allays *Swellings*.

This grows 6 or 7 foot high, and as *thick* as ones *Wrist*, *S. B.*

Its *Fruit* very much resembles those of our *Elm*, which are called *Samara*, but these have generally 3 *Fans* or *Wings*.

Dr

Ray Heb. 1734.  
c. 21.

138. pl. 2.

Dr Sloane observes this shrub in *Jamaica* very much to vary in its outward appearance, the like I find in Specimens I have received from the *East Indies*, viz. some with Leaves an inch broad and somewhat long, others not above a quarter broad and very short. The same I have from *China*, with very long slender Leaves, and not half an inch broad, and yet the texture of all these the same.

This *Variation* may in some measure atone for Dr Plukenet's Error, in making no less than 3 differing Plants, if not four of this one. For, *First* of all he discovers only its Leaves, and these alone he Figures in his *Phytogr. Tab. 141. Fig. 1.* After this, seeing it with me in *Fruit* from the *East Indies*, and receiving it himself, I suppose from *Jamaica*, he now makes both these two different Plants, and distinguishes them from the first under the Title of *Triopteris* in his *Almagest. Botan. p. 377.* *Fourthly* in his said Book, p 7. he there afferts, contrary to the opinion of some Authors, the *Frutex innominatus instar Salicis pumilæ in arenosis locis nascens* *Marcgrav. Hist. Nat. Brasil. p. 76.* to be a different Plant from the afore going, which if he can, and will be pleased to shew to be so, will soon clear that doubt.

#### 86. Perrepan-chedde *Malab.*

*Rottang Malabar. minor. Act. Phil. No. 244. p. 326. pl. 27.*

The lesser *Rattan* or *Cane-chair Reed:*

<sup>86.</sup>  
*Act. Phil. No. 244. p. 326. pl. 27.*

This *Cane* is very accurately described, and designed in a *Figure* lately sent to Mr Ray and me, from the Learned Jesuit *George Joseph Camel*, wherein the hairy *Spinule* (which no other Icon has yet taken notice of) on the back, rib and edges of the Leaf are here well express'd, as also the short crooked ones on the sheaths only of the *Fruit* Branches, and which are also seen on the stalks between the Leaves. T t t t t 2 This

This he styles *Arundo farcta seu Juncus marinus vimineus, magis ordinarius*, and says, the Spaniards at the Phillipines call it *Bexuco*, and *Rotta*, and the Indians there *Uaj* or *Ovaj*, and the Fruit *Paquiti*.

Mr Sam. Brown says this *Rattan* rises 7 or 8 foot high, and spreads very much. The *Root* cures the *Pox* and *Rheumatism* from Venereal Cause. The *Fruit* is fowre, but pleasant and good to eat.

87.

87. *Tanne mutanea-tunga Malab.*

*Corruda Zeylanica Paeoniae radicibus.*

This is a very beautiful *Climer*, but I have not yet obserued any Flower, Seed or Fruit that it bears, the *Natives* say it has none : The *Roots* are very numerous, some a foot and half long, others shorter, (as you may see by the sample annext,) They are about a Finger thick, like *Eringo* or *Scorzonera*, the *Portuguese* make Sweet-meats of it as of those, they are very good in *Hectick Fevers* and *Consumptions*. S. B.

This I have lately received, both with Flower and Berry, from Mr Edward Bulkley, by the name of *Eringo*.

The first that I find takes notice of this Plant is Dr Herman, late Botanick Professor of the Leyden Physick-Heyd. 63. Fig. Garden, who in his Catalogue thereof, describes and figures this pag. 63. and its roots p. 650. under the title of *Asparagus aculeatus maximus farmentosus Zeylanicus*, and says the Roots are sweet and pleasant, like our *Scorzonera*, and therefore so called by the *Europeans* in *Ceylon*, and by the *Natives* *Hatawarija*, he adds, that the Inhabitants boyl these Roots in *Milk* or *Broath*, or else pickle them with Salt, Vineger, and Pepper, and esteem them amongst their *Dainties*.

H. Mal. V. 10. I take this also to be the Schada-veli Kelangu. Hort. T. 10. p. 19. Malab. Vol. 10. Tab. 10. p. 19.

The

The Malabar word *Kelangu* or *Kelengu* is, I generally observe, put to such Plants, whose Roots are large or Edible as the *Potatoes*, *Yams*, &c. as may more particularly be seen in the 7th Volume of the *Hort. Malab.* Tab. 34. 5, 6, &c. tho in the 12th Volume p. 23. the Author there asserts the word *Kelangu* to signify a Root only.

This Plant has very different Faces, according to its age, and therefore I believe Dr *Plukenet* had no reason in his *Almagest*, p. 54. pl. 5. to part it from that of *Madraspatan*, in his *Phytograph* Tab. 15. Fig. 4.

88. *Vushe-cau-Chedde Malab.*

*Alm. Bot.* 54.  
pl. 5.  
*Pluk.* Tab. 15.  
Fig. 4.  
88.

*Sinapistrum Pearmeedooricum*, *triphillum* fol. *tenuif-  
simis*.

Its *pods* are near one inch and a half long, and very slender like the rest of this kind. Its Roots white, fibrous and sticky.

The *Powder* or *Decoction* of this is good for a Cough, S. B.

89. *Perrain-chedde Malab.*

*Convolvuli capsula Frutex Madraspat. Ulmi mino-  
ris folio Mus. Petiver*, 634. <sup>89</sup> *Mus. Pet.* 634.

Grows 6 or 8, and sometimes 12 foot high, thick as a mans Leg, the whole Plant made into powder, hinders the too great Flux of *Urine*. The Milk of this cures pains in the *joyns*. There is another sort of this not milky, called *Solo-peraia* good for the same use, S. B.

The *Leaves* of this *shrub* has very much the face and texture of our *common Elm*, they grow inordinately on very short foot stalks, from the bosom of these Leaves come one or two *Capsules*, terminating in a thread, like those of our *Bindweed*, but in these are contained but one Kernel. Each *Capsule* stands on a short *foot-stalk*, not exceeding half an Inch, covered with a *calyx*, composed of 4 roundish leaves.

90.

90. *Prunifera Madraspatana*, fructu mucilaginoso  
calyce magno.

This seems very much to resemble the *Vidimaram*  
Hort. Malab. V. 4. Tab. 37. p. 77. clamminess of its *Fruit*, and the large *calyx* it stands  
in, but whether it be (as Dr Plukenet affirms) the *Se-  
bestena Sylvest.* CB 446, which *Prosper Alpinus* de  
Plant. *Egypti* Figures in his 8th Chapter, I dare not  
yet determine.

Tho the *Label* to this Plant be lost, I find a reference  
to it (amongst some of Mr Sam. Brown's Papers  
to me) by the Malabar Name of *Cant-Mogula-Maraum*,  
and says its *Flowers* are very fragrant, which the *Hort  
Malab.* asserts also of the *Vidimaram*. Dr Plukenet al-  
so takes notice of this in his *Mantissa*, p. 21. without  
ever referring it to his *Phytographia*, Tab. 217, Fig.  
3. where he has diminutively recut the *Vidimaram* ;  
but having by this time forgot it, he now supposes  
it to be the *Elenki* *Hort. Malab.* Vol. 1. Tab. 20. which  
I can assure him is a different Tree, as I shall prove in  
the next Book of Mr Brown's Plants.

91. *Neer-Chaddai Malab.*

*Mimosa non Spinoso major Zeylanica* Breyn : *Cent.* p.

52. Fig. Opt.

*H. Ludg. Bat.*

*p. 458. pl. 3.*

*Breyn. Prodri.*

*pl. ult.*

*Onobrychis annua Zeylanica* *Mimosæ* *foliis, siliquis ar-  
ticulatis asperis major* *H. Ludg. Bat.* 458 pl. 3

*Securidica clypeata, fl. luteo, Lentis folio, Zeilanica*  
Breyn. Pr. 1. p. 46. pl. ult.

I wonder Dr Plukenet should give this in his *Mantissa* as a Plant new to him, after that accurate Botanist *Jacobus Breynius* had so well Figured and described it, which he himself owns in his *Almagest.* 269.

The Natives of *Ceylon* call this Plant *Dia-Hibala*, i.  
e. *Water Tamarinds*, because the *Leaves* have some re-  
semblance to *Tamarinds*, and it delights in *watry  
places*,

places. *Dya* in the *Ceilon Language* signifying Water, as *Neer* or *Nir* I find does in the *Malabar*, as *Nir-* H. Mal. v. 2 *Carambu* in the *Malabar* 1842 v. 2 *same Volume*, p. 99. and in many other places I observe *Nir* added to such Plants as grow in or near the water.

The Reverend Father *Camel* seems also to *Figure* and *Describe* this under the Title of *Lupinus* *Luzonis* *i. centum foliis*. *Indis* *Sambasamba*, and says it grows plentifully in *Taytay*, in watry places amongst *Rice*.

Mr *Sam. Brown* says the *Natives* eat the *Leaves* of this, and with the *Wood*, which is very light and spongy, they build their *Huts* to live in. It is only one strait stick, without branches, save some very small ones near the top, in the middle it's as thick as ones wrist, and tapers away at both ends, and grows 6 or 7 foot high. The *Portuguese* call it *Pau* (*pao*) *levi* or *light-wood*.

#### 92. Cheru murree *Malab.*

*Baccifera dispermos* *Madraspatana*, *lanosa* *folio*, *py-* Mal. p. 620 <sup>92.</sup> *ramidali* *Muf.* *Petiver* 620.

The *Decoction* of the whole Plant helps the *Dropsey*.

This grows 2 or 3 foot high, *S. B.* The *Leaves* stand at uncertain distances on quarter inch *foot-stalks* are broadest towards the base, *viz.* one inch, and run tapering near 3 long. Each *Fruit* stands on half inch *pedicles*, not very unlike the *Tilia*, or *Lime-tree*, but grow in sparst Clusters, small, woolly, oft testiculated, and sometimes 3 together, these have a remarkable black Circle immediately below each *Fruit*.